



CERTIFICATE

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Title:

Some laws of electromagnetism and general relativity in the concept of the Clifford algebra

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Description:

It was considered a model of inhomogeneous vector field within an associative algebra (Clifford algebra) on generalized coordinates. It is shown the derivation of the equations: two systems of Maxwell equations as a single equation, conservation laws 4-current and Einstein field equations. The geometrical interpretation for 4- current was given. Also the nontrivial "law of conservation of 4-dimensional curl of current" was received.

Chairman



K.Schreiber